REPORT

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AMT
The Association For Manufacturing Technology
Founded 1902 as National Machine Tool Builders' Association
Direct Dial: (703) 827-5260

STATISTICAL

No. 36-92 April 29, 1992

U.S. FOREIGN TRADE IN MANUFACTURING TECHNOLOGY – FEBRUARY 1992

(values in millions of U.S. dollars)

	Feb. 1992	Jan. 1992	Average Nov.-Jan.	YTD Total'92	YTD Total'91	% Change 1991-1992
METAL CUTTING MACHINE TOOLS						
Exports	$ 43.8	$ 48.9	$ 46.1	$ 92.8	$101.7	(8.8%)
Imports	$ 96.8	$135.0	$135.7	$231.8	$248.8	(6.8%)
Balance	($ 53.0)	($ 86.1)	($ 89.6)	($139.0)	($147.1)	(5.5%)
METAL FORMING MACHINE TOOLS						
Exports	$ 48.0	$ 36.0	$ 39.4	$ 84.0	$ 66.7	25.9%
Imports	$ 24.9	$ 49.4	$ 38.5	$ 74.3	$ 91.0	(18.4%)
Balance	$ 23.1	($ 13.4)	$ 0.9	$ 9.7	($ 24.3)	NM
MACHINE TOOL TOTAL						
Exports	$ 91.8	$ 84.9	$ 85.5	$176.7	$168.4	4.9%
Imports	$121.7	$184.4	$174.2	$306.1	$339.8	(9.9%)
Balance	($ 29.9)	($ 99.5)	($ 88.7)	($129.4)	($171.4)	(24.5%)
NUMERICALLY CONTROLLED MACHINE TOOLS						
Exports	$ 27.6	$ 27.1	$ 25.5	$ 54.7	$ 54.2	0.9%
Imports	$ 71.8	$ 89.4	$ 95.2	$161.2	$173.5	(7.1%)
Balance	($ 44.2)	($ 62.3)	($ 69.7)	($106.5)	($119.3)	(10.7%)
OTHER MANUFACTURING TECHNOLOGY						
Exports	$143.6	$145.1	$147.4	$288.8	$265.8	8.7%
Imports	$128.7	$147.8	$149.7	$276.5	$327.1	(15.5%)
Balance	$ 14.9	($ 2.7)	($ 2.3)	$ 12.3	($ 61.3)	NM

Note: Numerically controlled machine tools is a subgroup of the machine tool total. ( ) denotes negative. NM = not meaningful. Individual items may not add up to totals due to rounding.

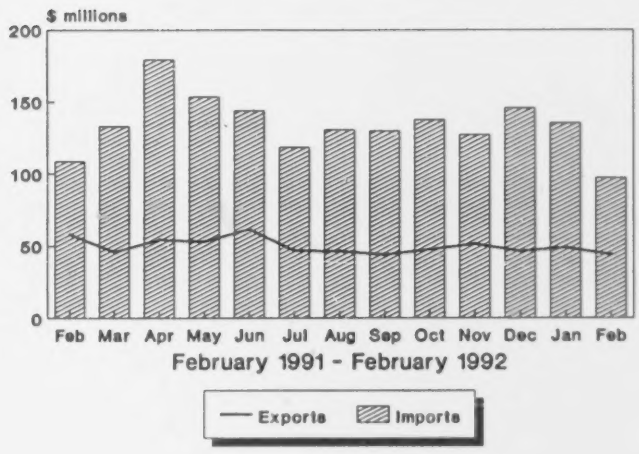
• U.S. machine tool imports fell to $121.7 million in February, the lowest monthly total since October 1985. From 1987-1991, imports in February have averaged $28 million less than the annual average for each year. Year-to-date imports are down 10% from 1991.

• U.S. machine tool exports in February were $91.8 million, up 8% over January. From 1987-1991, exports in February have averaged $4 million less than the annual average. Year-to-date exports are up 5% over 1991.

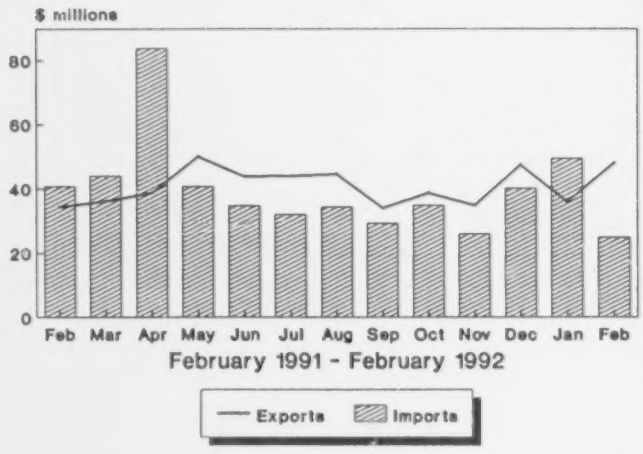
• The monthly U.S. machine tool trade deficit in February of $29.9 million was the lowest since December 1983.

U.S. MONTHLY TRADE IN MACHINE TOOLS

METAL CUTTING



METAL FORMING



METAL CUTTING MACHINE TOOLS

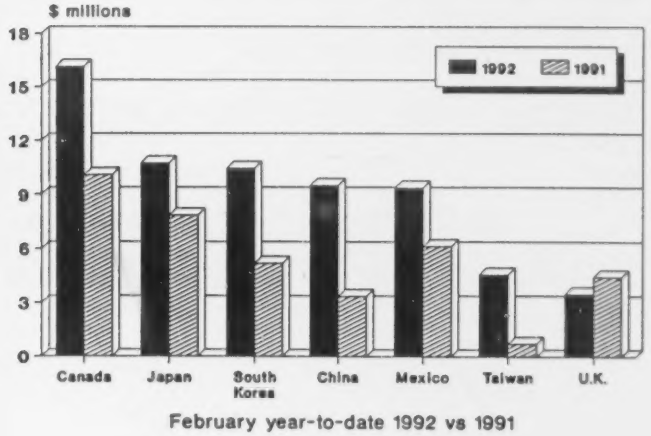
Exports

• Metal cutting exports in February of $43.8 million were down 10% from January. Year-to-date exports are down 9% from last year.

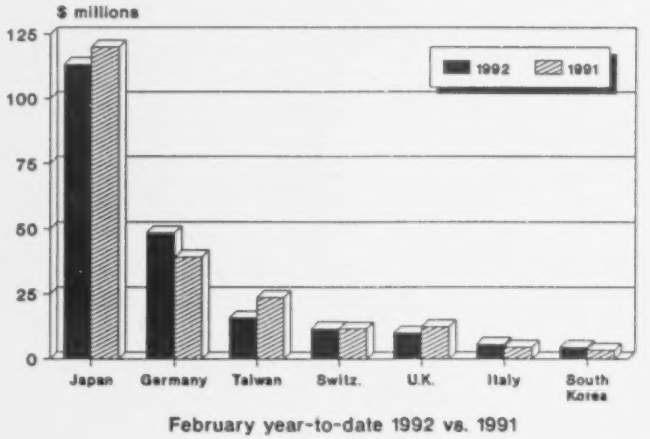
• Year-to-date exports of boring machines are down 86% (by value) compared with last year; exports of gear cutting machines are down 42%. However, exports of milling machines are up 364% and exports of lathes are up 69%.

• Canada is the top metal cutting export market at $16.1 million through February, up 60% over last year, followed by Japan ($10.7 million, up 37%) and South Korea ($10.4 million, up 101%). Exports to Germany in 1992 through February are just $2.7 million, down from $19.0 million last year at this time.

LEADING U.S. EXPORT MARKETS
METAL CUTTING MACHINES



LEADING U.S. IMPORT SOURCES
METAL CUTTING MACHINES



Imports

• Imports of metal cutting machines in February were $96.8 million, down from an average of $135.7 million for the previous three months.

• Imports from Japan are $113.3 million so far in 1992, down 6% from last year. Imports from Germany ($48.5 million) are up 24%; imports from Taiwan ($15.9 million) are down 33%.

• Imports of machining centers are down 14% (by value) so far this year; imports of NC horizontal lathes are down 4%. Imports of gear cutting machines are down 31% and imports of boring machines are down 32%.

METAL FORMING MACHINE TOOLS

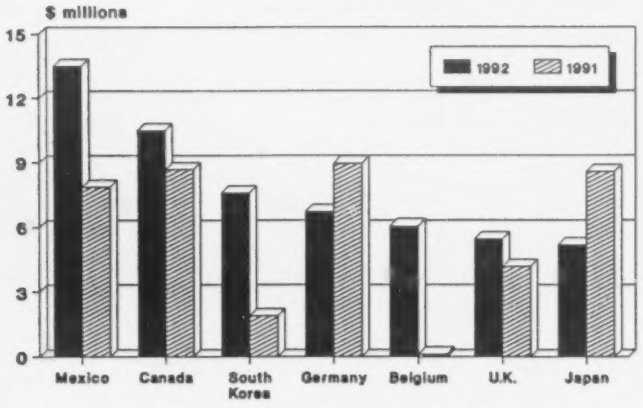
Exports

• Metal forming exports rebounded to $48.0 million in February, up from $36.0 million in January. February's total is the second highest monthly total ever.

• Exports of presses in 1992 through February are up 9% in value terms to $14.4 million; exports of bending and forming machines are up 27% to $14.3 million.

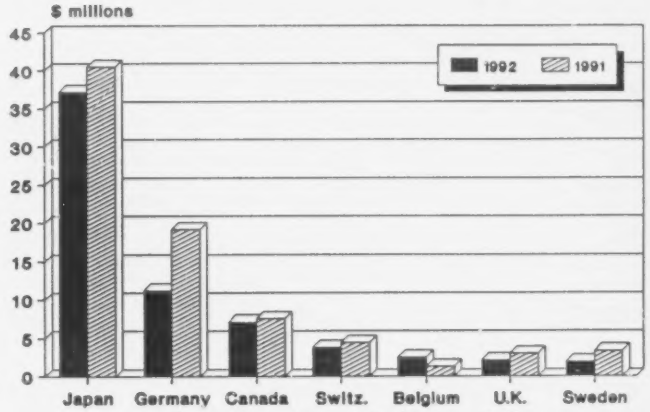
• The top metal forming export markets in 1992 through February are Mexico ($13.5 million, up 72% over 1991), Canada ($10.5 million, up 21%) and South Korea ($7.6 million, up 298%). Metal forming exports to Germany are down 25% so far this year to $6.7 million.

LEADING U.S. EXPORT MARKETS
METAL FORMING MACHINES



February year-to-date 1992 vs. 1991

LEADING U.S. IMPORT SOURCES
METAL FORMING MACHINES



February year-to-date 1992 vs. 1991

Imports

• Imports of metal forming machine tools plummeted 50% in February to $24.9 million, the lowest monthly total since July 1985. Year-to-date imports are down 18% from last year.

• Year-to-date imports from Japan are down 8% to $37.2 million; imports from Germany are down 41% to $11.3 million.

• Imports of presses are up 80% in unit terms but down 22% in value terms so far in 1992; imports of bending and forming machines are down 26% in unit terms but up 6% in value terms.

OTHER MANUFACTURING TECHNOLOGY

Exports

• Exports of blow molding machines are $13.9 million so far in 1992, compared with $7.2 million last year at this time. Exports of injection molding machines are $16.3 million in 1992 through February, compared with $8.6 million in 1991.

• Exports of machines using laser, light or photon beam processes are $3.6 million so far in 1992, compared with $5.9 million last year.

• Exports of machines and appliances for testing metals fell to $9.1 million this year, down from $9.7 million last year. The top export markets: Japan ($2.1 million), the United Kingdom ($1.9 million), Canada ($0.9 million) and Taiwan ($0.7 million).

Imports

• Imports of numerical controls for controlling machine tools are $4.3 million in 1992 through February, down from $5.2 million in 1991. Imports of machines using laser, light or photon beam processes are $8.6 million, down from $9.8 million last year.

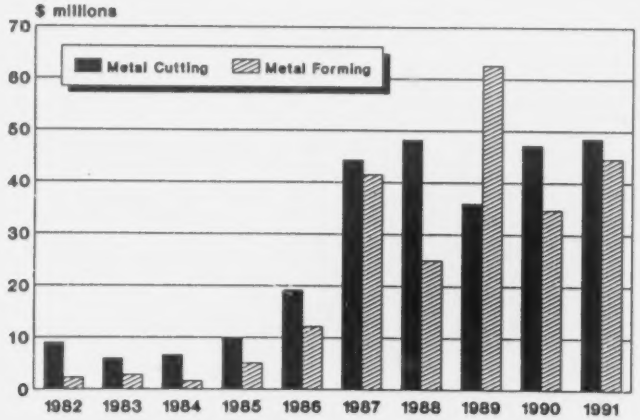
• Imports of injection molding machines are $59.4 million in 1992, up from $50.2 million in 1991 at this time. Imports of extruders are $9.9 million, down from $14.8 million last year.

MONTHLY FOCUS

In the past decade South Korea has grown to become one of the biggest machine tool consumers in the world: consumption rose from $178 million in 1982 to an estimated $1.6 billion in 1991. During this period, Korea has become a major U.S. machine tool export market. According to the U.S. Bureau of the Census, in 1982 Korea was the 12th largest U.S. export market at $11.2 million. In 1991, though, Korea was the 5th largest market at $93.2 million. In 1992 through February Korea is the third largest export market at $18.0 million, up from $7.1 million at this time last year.

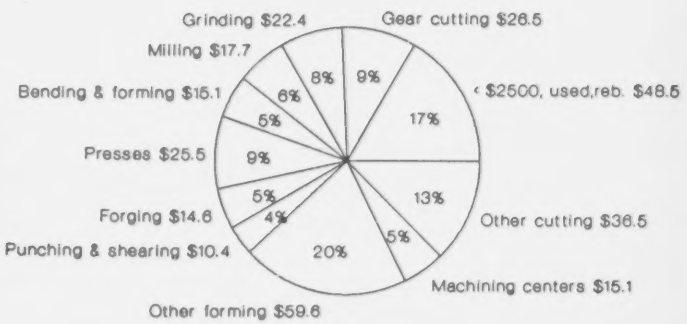
The charts below detail U.S. machine tool exports to Korea. The chart on the left shows metal cutting and metal forming exports from 1982 to the present; the chart on the right shows exports by machine type from January 1989 to February 1992.

U.S. Machine Tool Exports to South Korea 1982-1991



Source: U.S. Bureau of the Census

U.S. Machine Tool Exports to South Korea January 1989-February 1992



Total exports: $291.7 million
Source: U.S. Bureau of the Census

1992 EXPORTS

METAL CUTTING

COUNTRY	FEB'92	JAN'92	% CHANGE	FEB'92 YTD	FEB'91 YTD	% CHANGE
Canada	$5,857,209	$10,283,712	-43%	$16,140,921	$10,088,028	60%
Japan	7,237,502	3,485,912	108%	10,723,414	7,837,005	37%
South Korea	4,545,495	5,887,162	-23%	10,432,657	5,179,681	101%
China	4,641,119	4,856,679	-4%	9,497,798	3,360,522	183%
Mexico	6,533,302	2,845,125	130%	9,378,427	6,118,399	53%
Taiwan	1,889,419	2,679,095	-29%	4,568,514	703,107	550%
United Kingdom	1,971,568	1,519,495	30%	3,491,063	4,427,582	-21%
Brazil	963,409	2,285,433	-58%	3,248,842	1,498,854	117%
Germany	1,706,814	1,013,946	68%	2,720,760	19,012,512	-86%
Italy	1,445,108	1,011,735	43%	2,456,843	5,440,990	-55%
Switzerland	364,977	1,897,167	-81%	2,262,144	1,671,393	35%
France	1,222,654	337,323	262%	1,559,977	3,917,273	-60%
Netherlands	173,043	1,202,662	-86%	1,375,705	1,822,736	-25%
Singapore	294,349	869,838	-66%	1,164,187	1,035,370	12%
Venezuela	319,469	518,749	-38%	838,218	1,415,678	-41%
Australia	337,947	493,223	-31%	831,170	1,106,336	-25%
India	530,394	49,681	968%	580,075	3,313,437	-82%
Austria	0	496,603	-100%	496,603	28,855	1621%
Thailand	163,861	306,784	-47%	470,645	416,091	13%
Malaysia	27,698	181,684	-85%	209,382	43,007	387%
Belgium	101,063	82,837	22%	183,900	2,632,094	-93%
Indonesia	134,829	31,649	326%	166,478	48,725	242%
Spain	9,107	68,197	-87%	77,304	248,172	-69%
USSR	0	0	NA	0	11,395,601	-100%

METAL FORMING

COUNTRY	FEB'92	JAN'92	% CHANGE	FEB'92 YTD	FEB'91 YTD	% CHANGE
Mexico	$6,352,532	$7,147,465	-11%	$13,499,997	$7,852,451	72%
Canada	8,574,720	1,906,353	350%	10,481,073	8,677,175	21%
South Korea	3,877,732	3,719,482	4%	7,597,214	1,909,636	298%
Germany	3,634,589	3,096,088	17%	6,730,677	8,960,747	-25%
Belgium	3,916,481	2,145,235	83%	6,061,716	125,286	4738%
United Kingdom	3,676,966	1,763,234	109%	5,440,200	4,166,491	31%
Japan	2007218	3165147	-37%	5,172,365	8,560,194	-40%
France	1,107,729	3,278,623	-66%	4,386,352	1,188,734	269%
Thailand	2,766,706	127,604	2068%	2,894,310	917,431	215%
Taiwan	1,499,756	954,739	57%	2,454,495	1,205,886	104%
Switzerland	1,074,918	76,020	1314%	1,150,938	393,235	193%
Brazil	101,020	1,040,000	-90%	1,141,020	1,005,209	14%
Singapore	621,402	467,158	33%	1,088,560	846,835	29%
China	534,889	527,847	1%	1,062,736	3,771,529	-72%
Italy	299,658	427,412	-30%	727,070	1,620,267	-55%
Venezuela	623,396	25,700	2326%	649,096	172,355	277%
Netherlands	124,648	398,238	-69%	522,886	1,452,216	-64%
Spain	413,837	84,460	390%	498,297	159,987	211%
Australia	185009	149218	24%	334,227	346,825	-4%
Indonesia	0	320,030	-100%	320,030	358,560	-11%
India	109,200	101,901	7%	211,101	491,881	-57%
Malaysia	139,779	11,556	1110%	151,335	633,289	-76%
Austria	106,185	0	NA	106,185	83,602	27%
USSR	75,783	0	NA	75,783	0	NA

MACHINE TOOL TOTAL

COUNTRY	FEB'92	JAN'92	% CHANGE	FEB'92 YTD	FEB'91 YTD	% CHANGE
Canada	$14,431,929	$12,190,065	18%	$26,621,994	$18,765,203	42%
Mexico	12,885,834	9,992,590	29%	22,878,424	13,970,850	64%
South Korea	8,423,227	9,606,644	-12%	18,029,871	7,089,317	154%
Japan	9,244,720	6,651,059	39%	15,895,779	16,397,199	-3%
China	5,176,008	5,384,526	-4%	10,560,534	7,132,051	48%
Germany	5,341,403	4,110,034	30%	9,451,437	27,973,259	-66%
United Kingdom	5,648,534	3,282,729	72%	8,931,263	8,594,073	4%
Taiwan	3,389,175	3,633,834	-7%	7,023,009	1,908,993	268%
Belgium	4,017,544	2,228,072	80%	6,245,616	2,757,380	127%
France	2,330,383	3,615,946	-36%	5,946,329	5,106,007	16%
Brazil	1,064,429	3,325,433	-68%	4,389,862	2,504,063	75%
Switzerland	1,439,895	1,973,187	-27%	3,413,082	2,064,628	65%
Thailand	2,930,567	434,388	575%	3,364,955	1,333,522	152%
Italy	1,744,766	1,439,147	21%	3,183,913	7,061,257	-55%
Singapore	915,751	1,336,996	-32%	2,252,747	1,882,205	20%
Netherlands	297,691	1,600,900	-81%	1,898,591	3,274,952	-42%
Venezuela	942,865	544,449	73%	1,487,314	1,588,033	-6%
Australia	522,956	642,441	-19%	1,165,397	1,453,161	-20%
India	639,594	151,582	322%	791,176	3,805,318	-79%
Austria	106,185	496,603	-79%	602,788	112,457	436%
Spain	422,944	152,657	177%	575,601	408,159	41%
Indonesia	134,829	351,679	-62%	486,508	407,285	19%
Malaysia	167,477	193,240	-13%	360,717	676,296	-47%
USSR	75,783	0	NA	75,783	11,395,601	-99%

1992 IMPORTS

METAL CUTTING

COUNTRY	FEB' 92	JAN' 92	% CHANGE	FEB' 92 YTD	FEB' 91 YTD	% CHANGE
Japan	$57,032,263	$56,287,395	1%	$113,319,658	$120,031,657	-6%
Germany	6,701,042	41,757,428	-84%	48,458,470	39,125,463	24%
Taiwan	8,774,897	7,113,061	23%	15,887,958	23,720,642	-33%
Switzerland	3,328,081	8,425,206	-60%	11,753,287	11,621,330	1%
United Kingdom	4,099,462	5,943,825	-31%	10,043,287	12,376,385	-19%
Italy	1,991,061	3,754,898	-47%	5,745,959	4,510,401	27%
South Korea	3,615,534	1,001,143	261%	4,616,677	3,361,361	37%
Canada	2,347,959	1,766,798	33%	4,114,757	3,231,609	27%
Singapore	1,596,398	1,678,755	-5%	3,275,153	1,849,848	77%
Spain	792,433	1,552,165	-49%	2,344,598	4,769,614	-51%
Brazil	691,885	1,062,212	-35%	1,754,097	1,167,323	50%
Sweden	245,492	1,161,801	-79%	1,407,293	4,659,747	-70%
France	365,402	311,674	17%	677,076	3,139,448	-78%
Belgium	35,793	35,607	1%	71,400	802,092	-91%

METAL FORMING

COUNTRY	FEB' 92	JAN' 92	% CHANGE	FEB' 92 YTD	FEB' 91 YTD	% CHANGE
Japan	$10,229,603	$26,991,873	-62%	$37,221,476	$40,471,496	-8%
Germany	4,507,747	6,747,037	-33%	11,254,784	19,164,467	-41%
Canada	2,775,207	4,368,172	-36%	7,143,379	7,588,860	-6%
Switzerland	1,372,689	2,470,638	-44%	3,843,327	4,414,168	-13%
Belgium	116,482	2,410,840	-95%	2,527,322	1,279,072	98%
United Kingdom	1,016,321	1,116,236	-9%	2,132,557	2,956,208	-28%
Sweden	1,165,452	750,159	55%	1,915,611	3,317,053	-42%
Italy	381,203	1,296,731	-71%	1,677,934	6,362,215	-74%
Taiwan	554,382	639,216	-13%	1,193,598	1,767,296	-32%
France	1,063,749	3,000	35358%	1,066,749	546,040	95%
Spain	226,704	407,037	-44%	633,741	915,335	-31%
South Korea	131,562	138,777	-5%	270,339	29,384	820%
Brazil	0	9,051	-100%	9,051	38,940	-77%
Singapore	0	0	NA	0	300,254	-100%

MACHINE TOOL TOTAL

COUNTRY	FEB' 92	JAN' 92	% CHANGE	FEB' 92 YTD	FEB' 91 YTD	% CHANGE
Japan	$67,261,866	$83,279,268	-19%	$150,541,134	$160,503,153	-6%
Germany	11,208,789	48,504,465	-77%	59,713,254	58,289,930	2%
Taiwan	9,329,279	7,752,277	20%	17,081,556	25,487,938	-33%
Switzerland	4,700,770	10,895,844	-57%	15,596,614	16,035,498	-3%
United Kingdom	5,115,783	7,060,061	-28%	12,175,844	15,332,593	-21%
Canada	5,123,166	6,134,970	-16%	11,258,136	10,820,469	4%
Italy	2,372,264	5,051,629	-53%	7,423,893	10,872,616	-32%
South Korea	3,747,096	1,139,920	229%	4,887,016	3,390,745	44%
Sweden	1,410,944	1,911,960	-26%	3,322,904	7,976,800	-58%
Singapore	1,596,398	1,678,755	-5%	3,275,153	2,150,102	52%
Spain	1,019,137	1,959,202	-48%	2,978,339	5,684,949	-48%
Belgium	152,275	2,446,447	-94%	2,598,722	2,081,164	25%
Brazil	691,885	1,071,263	-35%	1,763,148	1,206,263	46%
France	1,429,151	314,674	354%	1,743,825	3,685,488	-53%

1992 U.S. EXPORTS
BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992 Units	JANUARY 1992 Value	FEBRUARY 1992 Units	FEBRUARY 1992 Value	YTD FEB'92 Units	YTD FEB'92 Value
Used & rebuilt & under $3,025	5,316	$11,265,820	5,422	$19,598,877	10,738	30,864,697
Boring machines	4	111,194	13	355,020	17	466,214
Drilling machines	46	2,480,904	77	1,808,417	123	4,289,321
Gear cutting machines	16	2,952,428	14	3,352,752	30	6,305,180
Grinding machines	296	11,067,320	248	6,487,757	544	17,555,077
NC horizontal lathes	22	4,786,634	16	2,123,339	38	6,909,973
NC vertical lathes	1	170,620	7	1,895,200	8	2,065,820
Non-NC lathes	44	3,333,427	36	1,234,899	80	4,568,326
Milling machines	35	6,163,478	43	5,628,228	78	11,791,706
Machining centers	18	4,153,920	43	2,912,384	61	7,066,304
Station type machines	2	689,332	24	3,705,541	26	4,394,873
Other metal cutting machines	191	5,028,354	261	7,372,840	452	12,401,194
Punching & shearing machines	75	2,962,166	120	6,014,865	195	8,977,031
Bending & forming machines	154	5,495,473	156	8,763,283	310	14,258,756
Presses	98	7,968,219	112	6,395,734	210	14,363,953
Forging machines	18	4,823,312	20	1,352,893	38	6,176,205
Other metal forming machines	221	11,490,938	324	12,788,805	545	24,279,743
MACHINE TOOL TOTAL	6,557	84,943,539	6,936	91,790,834	13,493	176,734,373

PRODUCT TYPES	FEBRUARY 1991 Units	FEBRUARY 1991 Value	YTD FEB'91 Units	YTD FEB'91 Value
Used & rebuilt & under $3,025	5,314	$9,384,660	10,664	$22,616,597
Boring machines	8	2,689,884	16	3,262,073
Drilling machines	72	2,302,444	176	4,427,736
Gear cutting machines	23	3,441,470	37	10,820,389
Grinding machines	272	10,254,977	516	16,192,520
NC horizontal lathes	33	3,043,968	48	5,432,468
NC vertical lathes	2	341,835	3	503,145
Non-NC lathes	46	1,273,108	83	2,090,201
Milling machines	27	1,256,940	48	2,542,591
Machining centers	27	4,699,366	45	6,951,200
Station type machines	10	16,280,662	17	23,044,625
Other metal cutting machines	278	7,046,503	501	14,125,165
Punching & shearing machines	79	5,456,279	187	9,969,610
Bending & forming machines	102	6,952,107	218	11,203,989
Presses	96	5,734,227	389	13,152,290
Forging machines	19	5,146,204	30	7,892,355
Other metal forming machines	185	7,182,512	416	14,212,736
MACHINE TOOL TOTAL	6,593	92,487,146	13,394	168,439,690

PRODUCT TYPES	% CHANGE JAN'92-FEB'92 Units	% CHANGE JAN'92-FEB'92 Value	% CHANGE FEB'91-FEB'92 Units	% CHANGE FEB'91-FEB'92 Value	% CHANGE YTD'91-YTD'92 Units	% CHANGE YTD'91-YTD'92 Value
Used & rebuilt & under $3,025	2.0%	74.0%	2.0%	108.8%	0.7%	36.5%
Boring machines	225.0%	219.3%	62.5%	-86.8%	6.3%	-85.7%
Drilling machines	67.4%	-27.1%	6.9%	-21.5%	-30.1%	-3.1%
Gear cutting machines	-12.5%	13.6%	-39.1%	-2.6%	-18.9%	-41.7%
Grinding machines	-16.2%	-41.4%	-8.8%	-36.7%	5.4%	8.4%
NC horizontal lathes	-27.3%	-55.6%	-51.5%	-30.2%	-20.8%	27.2%
NC vertical lathes	600.0%	1010.8%	250.0%	454.4%	166.7%	310.6%
Non-NC lathes	-18.2%	-63.0%	-21.7%	-3.0%	-3.6%	118.6%
Milling machines	22.9%	-8.7%	59.3%	347.8%	62.5%	363.8%
Machining centers	138.9%	-29.9%	59.3%	-38.0%	35.6%	1.7%
Station type machines	1100.0%	437.6%	140.0%	-77.2%	52.9%	-80.9%
Other metal cutting machines	36.6%	46.6%	-6.1%	4.6%	-9.8%	-12.2%
Punching & shearing machines	60.0%	103.1%	51.9%	10.2%	4.3%	-10.0%
Bending & forming machines	1.3%	59.5%	52.9%	26.1%	42.2%	27.3%
Presses	14.3%	-19.7%	16.7%	11.5%	-46.0%	9.2%
Forging machines	11.1%	-72.0%	5.3%	-73.7%	26.7%	-21.7%
Other metal forming machines	46.6%	11.3%	75.1%	78.1%	31.0%	70.8%
MACHINE TOOL TOTAL	5.8%	8.1%	5.2%	-0.8%	0.7%	4.9%

1992 U.S. IMPORTS
BY PRODUCT GROUPS

PRODUCT TYPES	JANUARY 1992 Units	JANUARY 1992 Value	FEBRUARY 1992 Units	FEBRUARY 1992 Value	YTD FEB'92 Units	YTD FEB'92 Value
Used & rebuilt & under $3,025	94,127	$12,280,602	81,661	$11,946,493	175,788	$24,227,095
Boring machines	25	3,463,952	36	989,787	61	4,453,739
Drilling machines	97	4,705,463	104	2,226,497	201	6,931,960
Gear cutting machines	37	6,172,007	4	649,747	41	6,821,754
Grinding machines	512	27,479,836	361	11,708,165	873	39,188,001
NC horizontal lathes	153	15,234,824	285	26,313,185	438	41,548,009
NC vertical lathes	16	1,194,631	4	987,274	20	2,181,905
Non-NC lathes	207	3,386,097	249	4,832,824	456	8,218,921
Milling machines	138	4,406,171	198	2,995,701	336	7,401,872
Machining centers	200	22,852,787	215	23,855,068	415	46,707,855
Station type machines	18	19,481,908	12	2,219,038	30	21,700,946
Other metal cutting machines	280	16,298,473	264	10,069,462	544	26,367,935
Punching & shearing machines	100	7,476,279	99	5,200,811	199	12,677,090
Bending & forming machines	151	11,974,223	125	4,205,804	276	16,180,027
Presses	101	15,951,346	598	3,793,878	699	19,745,224
Forging machines	104	2,006,697	166	1,340,569	270	3,347,266
Other metal forming machines	151	10,016,946	125	8,391,681	276	18,408,627
MACHINE TOOL TOTAL	96,417	184,382,242	84,506	121,725,984	180,923	306,108,226

PRODUCT TYPES	FEBRUARY 1991 Units	FEBRUARY 1991 Value	YTD FEB'91 Units	YTD FEB'91 Value
Used & rebuilt & under $3,025	94,612	$15,968,463	166,279	$29,063,454
Boring machines	65	3,295,233	140	6,507,859
Drilling machines	72	2,124,951	208	7,409,911
Gear cutting machines	30	2,608,872	64	9,855,894
Grinding machines	464	17,045,322	1,126	40,186,925
NC horizontal lathes	251	25,854,656	409	43,364,111
NC vertical lathes	15	2,253,656	24	3,621,005
Non-NC lathes	340	4,755,176	1,062	13,570,879
Milling machines	257	2,795,380	706	15,566,921
Machining centers	186	20,649,396	479	54,244,651
Station type machines	4	1,830,253	18	6,019,991
Other metal cutting machines	217	12,635,073	665	24,003,717
Punching & shearing machines	59	1,638,364	126	7,336,130
Bending & forming machines	183	8,695,550	372	15,252,646
Presses	317	9,033,944	389	25,270,132
Forging machines	47	2,528,010	106	7,556,596
Other metal forming machines	230	15,783,509	516	29,569,520
MACHINE TOOL TOTAL	97,349	149,495,808	172,689	338,400,342

PRODUCT TYPES	% CHANGE JAN'92-FEB'92 Units	% CHANGE JAN'92-FEB'92 Value	% CHANGE FEB'91-FEB'92 Units	% CHANGE FEB'91-FEB'92 Value	% CHANGE YTD'91-YTD'92 Units	% CHANGE YTD'91-YTD'92 Value
Used & rebuilt & under $3,025	-13.2%	-2.7%	-13.7%	-25.2%	5.7%	-16.6%
Boring machines	44.0%	-71.4%	-44.6%	-70.0%	-56.4%	-31.6%
Drilling machines	7.2%	-52.7%	44.4%	4.8%	-3.4%	-6.5%
Gear cutting machines	-89.2%	-89.5%	-86.7%	-75.1%	-35.9%	-30.8%
Grinding machines	-29.5%	-57.4%	-22.2%	-31.3%	-22.5%	-2.5%
NC horizontal lathes	86.3%	72.7%	13.5%	1.8%	7.1%	-4.2%
NC vertical lathes	-75.0%	-17.4%	-73.3%	-56.2%	-16.7%	-39.7%
Non-NC lathes	20.3%	42.7%	-26.8%	1.6%	-57.1%	-39.4%
Milling machines	43.5%	-32.0%	-23.0%	7.2%	-52.4%	-52.5%
Machining centers	7.5%	4.4%	15.6%	15.5%	-13.4%	-13.9%
Station type machines	-33.3%	-88.6%	200.0%	21.2%	66.7%	260.5%
Other metal cutting machines	-5.7%	-38.2%	21.7%	-20.3%	-18.2%	9.8%
Punching & shearing machines	-1.0%	-30.4%	67.8%	217.4%	57.9%	72.8%
Bending & forming machines	-17.2%	-64.9%	-31.7%	-51.6%	-25.8%	6.1%
Presses	492.1%	-76.2%	88.6%	-58.0%	79.7%	-21.9%
Forging machines	59.6%	-33.2%	253.2%	-47.0%	154.7%	-55.7%
Other metal forming machines	-17.2%	-16.2%	-45.7%	-46.8%	-46.5%	-37.7%
MACHINE TOOL TOTAL	-12.4%	-34.0%	-13.2%	-18.6%	4.8%	-9.5%

U.S. EXPORTS

Metal Cutting Machine Tools - February 92

RELEASED: April 29, 1992

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
8456300000	Electro-discharge machines	29	2019	10	668
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	16	1138	14	809
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	4	846	2	297
100035	Horizontal machining centers, ATC	3	1156	2	727
100045	Machining centers, n.e.c.	38	3927	25	1080
200010	Unit construction mach. (single station transfer), NC	1	958	1	958
200090	Unit construction mach. (single station transfer), non-NC	1	97	1	97
300010	Multi-station transfer machines, NC	1	589	0	0
300090	Multi-station transfer machines, non-NC	20	2440	19	2340
8458110010	Horizontal lathes, multiple spindle, NC	10	922	5	483
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	14	1242	7	627
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	8	2802	3	928
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	6	1944	1	85
190030	Horizontal engine or toolroom lathes, non-NC	6	157	2	30
190050	Automatic bar and/or chucking mach., single spindle, non-NC	1	142	1	142
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	4	460	3	348
190090	Horizontal lathes, n.e.c., non-NC	45	507	21	251
911060	Vertical turret lathes, multiple spindle, NC	0	0	0	0
911080	Vertical turret lathes, n.e.c., NC	0	0	0	0
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	8	2066	7	1895
991050	Vertical turret lathes, non-NC	6	266	2	192
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	18	3036	7	271
8459100000	Way-type unit head machines	3	310	3	310
210080	Other drilling machines, NC	27	3464	20	1328
290040	Drilling machines, multiple spindle, non-NC	2	34	2	34
290050	Drilling machines, radial, non-NC	4	32	3	26
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	2	80	1	72
290090	Drilling machines, n.e.c., non-NC	88	679	51	350
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	0	0	0	0
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	0	0	0	0
310070	Boring-milling machines, n.e.c., NC	5	194	3	135
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	0	0	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	4	104	4	104
400040	Boring machines, vertical, NC	0	0	0	0
400050	Boring machines, vertical, non-NC	7	142	5	90
400070	Boring machines, n.e.c., NC	0	0	0	0
400080	Boring machines, n.e.c., non-NC	1	27	1	27
510080	Milling machines, knee type, NC	1	1350	0	0
590030	Milling machines, knee type, non-NC	34	1382	24	1117
610080	Milling machines, excluding knee type, n.e.c., NC	13	6007	9	4319
690050	Milling machines, profile, dup., or die sinking, non-NC	3	220	0	0
690070	Milling machines, bed type, non-NC	0	0	0	0
690090	Milling machines, n.e.c., non-NC	27	2833	10	191
700020	Threading or tapping machines, n.e.c., NC	3	366	0	0
700080	Threading or tapping machines, n.e.c., non-NC	54	752	27	325
8460110080	Flat surface grinding machines, NC	10	507	7	368
190010	Flat surface grinding mach., recip.-table type, non-NC	3	42	1	14
190050	Flat surface grinding machines, n.e.c., non-NC	19	2090	8	628
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	8	2113	3	506
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	4	1738	3	1717
290030	Grinding machines, internal cylindrical, non-NC	30	1050	5	100
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	50	3162	16	258
310080	Sharpening machines (tool & cutter grinding), NC	11	824	3	548
390050	Sharpening machines (tool & cutter grinding), non-NC	98	784	56	462
400060	Honing or lapping machines, NC	0	0	0	0
400080	Honing or lapping machines, non-NC	73	792	20	205
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	4	1768	0	0
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	234	2685	126	1682
8461100060	Planing machines, NC	1	1722	1	1722
100080	Planing machines, non-NC	24	1252	21	1221
200010	Shaping or slotting machines, NC	1	18	0	0
200090	Shaping or slotting machines, non-NC	4	140	2	125
300060	Broaching machines, NC	0	0	0	0
300080	Broaching machines, non-NC	3	120	3	120
401050	Gear hobbers	3	625	2	63
401070	Gear shapers	8	440	0	0
401090	Gear cutting machines, n.e.c.	16	4407	11	2525
405060	Gear grinding or finishing machines	3	833	1	765
500050	Sawing or cutting-off machines, NC	7	636	5	318
500090	Sawing or cutting-off machines, non-NC	165	2245	108	1529
9000000001	Metal cutting machine tools, n.e.c.	161	3131	84	1345
9800000001	Used or rebuilt machine tools	1173	11881	706	5425
9900000001	Machine tools valued at less than $3,025	7004	3062	3127	1523
	Cutting Total			4615	43824
	Y-T-D Cutting Total	9634	92757		
	NC Y-T-D Cutting Total*	254	39839		

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - February 92

	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	1	38	0	0	0	0
100015	0	0	0	0	0	0	1	213	0	0
100025	0	0	0	0	0	0	0	0	2	297
100035	0	0	0	0	0	0	0	0	1	221
100045	0	0	0	0	0	0	0	0	4	272
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	2	178
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	2	659
110090	0	0	0	0	0	0	0	0	1	85
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	2	258
190090	5	64	0	0	0	0	0	0	1	35
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	1	77
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	5	357
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	2	20
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	32	243
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	2	105	0	0	0	0	0	0	2	75
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	2	44
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	1	17	1	15	6	86
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	1	60
290010	0	0	0	0	0	0	1	660	2	1057
290030	0	0	0	0	0	0	0	0	0	0
290050	2	78	0	0	0	0	0	0	3	41
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	11	52
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	2	21	0	0	0	0	0	0	21	226
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	1	98
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	1	64	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	4	243
500090	0	0	0	0	0	0	0	0	14	137
9000000001	1	6	0	0	0	0	0	0	9	106
9800000001	19	25	0	0	0	0	0	0	68	710
9900000001	49	39	0	0	19	46	17	12	219	221
Month Tot	80	338	0	0	21	101	21	963	418	5857
Y-T-D Tot	116	831	1	497	28	184	73	3249	824	16141
NC YTD Tot*	3	155	1	497	1	38	2	1563	54	10392

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - February 92

	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	1	51	3	275	0	0	0	0
100015	13	596	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	1	85	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	1	523	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	2	210	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	1	90	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	2	1290	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	1	90	0	0	0	0
210080	2	110	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	3	135
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	1	35	0	0	0	0	0	0
610080	1	1951	1	96	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	1	38	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	1	119	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	2	446	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	3	39	0	0
290030	0	0	0	0	1	41	0	0	0	0
290050	0	0	0	0	1	20	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	2	13	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	3	33	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	1	12	12	141	30	514	2	9	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	1	3	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	1	11	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	8	649	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	2	31	39	416	0	0	0	0
9000000001	3	29	0	0	0	0	0	0	0	0
9800000001	0	0	0	0	7	42	3	3	0	0
9900000001	8	5	15	9	232	78	0	0	0	0
Month Tot	38	4641	37	1223	320	1707	13	530	3	135
Y-T-D Tot	93	9498	230	1560	511	2721	27	580	11	166
NC YTD Tot*	18	3946	6	646	13	845	2	446	3	135

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - February 92

	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	0	0
100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	19	673	0	0	0	0
200010	1	958	0	0	0	0	0	0	1	97
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	6	713	0	0	0	0	3	305
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	1	14
190030	0	0	0	0	0	0	0	0	1	142
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	12	131
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	1	65
915070	0	0	3	493	0	0	0	0	1	115
991050	0	0	0	0	0	0	0	0	6	234
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	6	437
210080	0	0	0	0	0	0	0	0	2	34
290040	0	0	0	0	0	0	0	0	1	6
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	17	76	0	0	1	25
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	4	104
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	4	63
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	1	27
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	1	20	4	433	1	50	0	0	2	1191
610080	1	183	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	2	53
690090	0	0	4	41	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	8	56
700080	0	0	0	0	0	0	0	0	1	145
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	2	291
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	1	20
290030	0	0	0	0	0	0	0	0	10	119
290050	0	0	0	0	0	0	0	0	0	0
310080	0	0	1	506	0	0	0	0	7	93
390050	0	0	31	205	2	20	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	7	68	2	15	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	19	360
900080	3	38	2	20	0	0	0	0	0	0
8461100060	0	0	0	0	1	1722	0	0	0	0
100080	0	0	18	1198	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	1	119
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	1	11	0	0	2	63
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	2	1812	0	0	0	0	0	0
405060	0	0	1	765	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	22	411	0	0	4	19	11	265
9000000001	0	0	26	512	3	21	0	0	9	310
9800000001	40	156	9	79	94	1930	0	0	380	1422
9900000001	18	22	146	37	70	44	10	9	379	227
Month Tot	71	1445	277	7238	208	4545	14	28	879	6533
Y-T-D Tot	215	2457	677	10723	345	10433	50	209	2052	9378
NC YTD Tot*	2	1141	27	2086	30	5070	0	0	18	2654

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - February 92

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	5	305	0	0
100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	0	0	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	1	269
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	0	0
8459100000	0	0	0	0	0	0	0	0	2	220
210080	0	0	0	0	0	0	0	0	7	424
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	0	0	0	0	0	0	0	0
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	1	17
610080	0	0	1	80	0	0	0	0	3	819
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	2	19
900060	0	0	0	0	0	0	0	0	0	0
900080	2	11	0	0	0	0	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	1	6	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	4	65	0	0	0	0	0	0	1	11
9000060001	8	84	0	0	0	0	2	20	1	9
9800000001	0	0	0	0	0	0	1	4	1	80
9900000001	23	13	311	215	15	9	28	30	217	22
Month Tot	37	173	312	294	15	9	37	365	236	1889
Y-T-D Tot	133	1376	601	1164	78	77	139	2262	325	4569
NC YTD Tot*	12	637	2	159	0	0	7	1831	15	3798

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Cutting Machine Tools - February 92

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456300000	0	0	0	0	0	0	0	0	0	0
100015	0	0	0	0	0	0	0	0	0	0
100025	0	0	0	0	0	0	0	0	0	0
100035	0	0	1	506	0	0	0	0	0	0
100045	0	0	0	0	0	0	0	0	1	50
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	12	1105
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	4	288	0	0	0	0	1	129
110050	0	0	0	0	0	0	0	0	0	0
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	0	0	0	0	1	17
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	3	20
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	1	48	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	0	0	1	37
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	1	72
290090	0	0	0	0	0	0	0	0	1	6
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	1	26
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	0	0	0	0	0	0	0	0	12	383
610080	0	0	0	0	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	1	16	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	1	4	0	0	0	0	9	29
8460110080	0	0	6	223	0	0	0	0	0	0
190010	0	0	0	0	0	0	0	0	1	14
190050	0	0	0	0	0	0	0	0	6	337
210080	0	0	0	0	0	0	0	0	0	0
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	0	0
310080	0	0	0	0	0	0	0	0	2	42
390050	0	0	2	11	0	0	0	0	1	69
400060	0	0	0	0	0	0	0	0	0	0
400080	3	42	0	0	0	0	0	0	3	27
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	2	15	0	0	18	175	12	140
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	1	14
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	1	6	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401050	0	0	0	0	0	0	0	0	0	0
401070	0	0	0	0	0	0	0	0	0	0
401090	0	0	0	0	0	0	0	0	0	0
405060	0	0	0	0	0	0	0	0	0	0
500050	0	0	1	75	0	0	0	0	0	0
500090	0	0	2	24	0	0	0	0	9	151
9000000001	0	0	11	108	0	0	0	0	11	141
9800000001	34	103	25	640	0	0	3	24	22	208
9900000001	286	19	164	71	0	0	360	58	541	337
Month Tot	323	164	220	1972	0	0	383	319	652	3354
Y-I-D Tot	463	471	376	3491	0	0	1009	838	1257	9882
NC YTD Tot*	1	60	16	2059	0	0	1	48	20	1633

Please see notes on last page of the metal forming section.

U.S. EXPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
February 92

RELEASED: April 29, 1992

Metal Forming Machine Tools		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
8454300010	Die casting machines	69	897	34	489
8462100030	Headers and upsetters, including cold headers	4	3363	0	0
100050	Forging or die stamping machines, and hammers, n.e.c.	34	2813	20	1353
210080	Bending, folding, straight. or flat. mach., incl presses, NC	72	7095	33	4181
290030	Press brakes, non-NC	10	116	9	64
290040	Bending rolls, non-NC	8	217	2	64
290050	Bending, folding, straight., or flat., n.e.c., non-NC	220	6831	112	4455
310080	Shearing machines, NC	20	1142	8	340
390050	Shearing machines, non-NC	53	1059	34	624
410080	Punching or notching mach., incl. comb. punch & shear, NC	27	4058	16	2987
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	95	2719	62	2063
910060	Hydraulic presses, NC	3	171	1	30
910090	Hydraulic presses, non-NC	70	2100	33	943
990030	Presses, n.e.c., NC	32	2434	21	1783
990040	Presses, mechanical, non-NC	6	983	4	212
990060	Presses, n.e.c., non-NC	99	8675	53	3428
8463100080	Draw benches for bars, tubes, profiles, wire or the like	21	1042	8	142
200080	Thread rolling machines	2	17	2	17
300080	Machines for working wire	113	2737	79	1734
900080	Metal forming machine tools, n.e.c.	340	19587	201	10407
9800000002	Used or rebuilt machine tools	394	14142	256	11589
9900000002	Machine tools valued at less than $3,025	2167	1779	1333	1062
	Forming Total			2321	47966
	Y-T-D Forming Total	3859	83977		
	NC Y-T-D Forming Total	154	14899		
	Cutting and Forming Totals: Monthly Total			6936	91791
	Y-T-D Total	13493	176734		
	NC Y-T-D Total*	408	54738		

Other Manufacturing Technology		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
1000000000	Machine tool parts and accessories	0	114884	0	60577
2000000000	Parts for working rubber or plastics - heading 8477	0	41444	0	19267
2710003070	Quenching or cutting oils	0	1235	0	657
8428900010	Industrial robots for lifting, handling, loading or unload	237	2850	147	2175
8431390090	Parts industrial robots, handling and loading - heading 8428	0	16687	0	8496
8456100000	Laser, light or photon beam for working any material	77	3554	32	1917
200000	Ultrasonic process for working any material	2	51	0	0
8477106010	Injection molding mach., for rubber or oth. thermosetting	41	3670	13	867
106070	Injection molding machines, for thermoplastics	105	12598	47	4329
200005	Extruders; rubber or other thermosetting mat., single screw	2	1101	1	262
200015	Extruders; rubber or thermosetting, other incl. multi. screw	15	870	7	380
200030	Extruders; thermoplastics, single screw	37	3347	26	1315
200060	Extruders; thermoplastics, other incl. multi. screw	13	2567	8	2250
300000	Blow molding machines	157	13946	51	7618
400000	Vacuum-molding and other thermoforming machines	191	2876	70	438
510010	Machines for molding or retreading pneumatic tires	959	5173	227	2124
510090	Machines for molding or otherwise forming inner tubes	253	895	125	477
590000	Machines for molding or otherwise forming n.e.c.	228	4539	159	2883
800000	Machines for working rubber or plastics n.e.c.	547	15921	201	8629
8479899040	Industrial robots, n.e.c.	884	10073	493	4377
900040	Industrial robot parts	0	4546	0	2244
8537100030	Numerical controls for controlling machine tools	285	4074	146	2153
9024100000	Machines and appliances for testing metals	0	9099	0	4889
9031100000	Machines for balancing mechanical parts	0	5619	0	1390
300000	Profile projectors	0	542	0	274
9032810040	Industrial process control instr., hydraulic or pneumatic	83680	6630	43209	3652

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "NC Y-T-D Total" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

U.S. EXPORTS
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Metal Forming

	Australia		Austria		Belgium		Brazil		Canada	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	14	159	0	0	0	0	0	0	1	255
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	3	399
210080	0	0	0	0	1	36	0	0	4	165
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	1	13
290050	0	0	0	0	65	2143	1	31	5	209
310080	0	0	0	0	0	0	0	0	1	45
390050	0	0	0	0	0	0	0	0	11	126
410080	0	0	0	0	0	0	0	0	6	664
490050	0	0	0	0	2	310	0	0	14	191
910060	0	0	0	0	0	0	0	0	1	30
910090	0	0	1	6	0	0	0	0	2	104
990030	0	0	0	0	0	0	0	0	1	142
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	0	0	0	0	1	19	2	15
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	6	29	3	27
900080	2	15	4	100	3	1411	0	0	9	80
9800000002	0	0	0	0	0	0	0	0	32	5920
9900000002	9	11	0	0	19	16	26	22	235	190
Month Tot	25	185	5	106	90	3916	34	101	331	8575
Y-T-D Tot	40	334	5	106	152	6062	35	1141	513	10481
NC YTD Tot	0	0	0	0	3	120	0	0	15	1206
C&F Month	105	523	5	106	111	4018	55	1064	749	14432
C&F Y-T-D	156	1165	6	603	180	6246	108	4390	1337	26622
C&F NC YTD*	3	155	1	497	4	158	2	1563	69	11598

Other Manufacturing Technology

1000000000	0	1291	0	200	0	700	0	814	0	11465
2000000000	0	270	0	20	0	124	0	285	0	6136
2710003070	0	17	0	0	0	81	0	0	0	90
8428900010	0	0	0	0	0	0	0	0	0	0
8431390090	0	1169	0	4	0	149	0	0	0	829
8456100000	3	60	0	0	0	0	0	0	7	664
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	0	0	0	0	0	0
106070	0	0	0	0	0	0	0	0	6	404
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	4	156
200030	1	200	0	0	1	31	2	46	0	0
200060	0	0	0	0	0	0	0	0	3	77
300000	0	0	0	0	6	23	2	4082	4	1700
400000	0	0	0	0	0	0	0	0	1	70
510010	2	52	0	0	0	0	2	47	49	762
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	3	320	0	0	8	286
800000	3	36	0	0	0	0	1	34	63	2939
8479899040	0	0	5	42	2	18	0	0	290	2311
908040	0	5	0	0	0	0	0	5	0	697
8537100030	0	0	1	17	5	68	20	256	6	86
9024100000	0	34	0	22	0	28	0	81	0	489
9031100000	0	8	0	0	0	0	0	14	0	370
300000	0	0	0	0	0	0	0	0	0	20
9032810040	2646	167	507	32	167	13	10	11	2665	220

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.

* "C&F NC YTD" does not include code 8456300000.

Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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Metal Forming

	China		France		Germany **		India		Indonesia	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	0	0	1	11	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	1	36	0	0	0	0	0	0
210080	9	411	1	25	2	120	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	2	124	8	129	1	86	0	0
310080	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
410080	1	108	0	0	0	0	0	0	0	0
490050	0	0	0	0	1	154	0	0	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	2	10	0	0	0	0	0	0
990030	0	0	0	0	1	159	0	0	0	0
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	0	0	7	2663	0	0	0	0
8463100080	0	0	0	0	2	54	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	2	22	7	227	0	0	0	0
900080	0	0	11	275	4	45	0	0	0	0
9800000002	0	0	1	599	3	21	0	0	0	0
9900000002	8	16	21	16	65	63	13	11	0	0
Month Tot	18	535	41	1108	100	3635	15	109	0	0
Y-T-D Tot	19	1063	89	4386	178	6731	31	211	12	320
NC YTD Tot	11	1046	1	25	4	314	0	0	0	0
C&F Month	56	5176	78	2330	420	5341	28	640	3	135
C&F Y-T-D	112	10561	319	5946	689	9451	58	791	23	487
C&F NC YTD*	29	4993	7	671	17	1159	2	446	3	135

Other Manufacturing Technology

1000000000	0	307	0	2525	0	7083	0	529	0	32
2000000000	0	24	0	754	0	1266	0	107	0	31
2710003070	0	0	0	0	0	9	0	0	0	154
8428900010	0	0	28	276	1	44	0	0	0	0
8431390090	0	230	0	99	0	175	0	45	0	369
8456100000	0	0	0	0	4	257	0	0	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	0	0	0	0	0	0
106070	0	0	4	259	10	814	0	0	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	1	23	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	2	326	1	223	0	0	0	0
400000	0	0	10	3	0	0	0	0	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	3	15	1	27	1	14	4	80
800000	4	1395	1	21	0	0	0	0	0	0
8479899040	1	47	19	231	11	78	0	0	0	0
908040	0	0	0	74	0	215	0	0	0	0
8537100030	8	117	9	121	8	118	0	0	0	0
9024100000	0	19	0	54	0	148	0	47	0	18
9031100000	0	96	0	0	0	14	0	0	0	0
300000	0	0	0	0	0	0	0	5	0	0
9032810040	68	3	3255	245	3456	238	100	7	80	4

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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	Italy		Japan		Korea		Malaysia		Mexico	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	0	0	0	0	1	3
8462100030	0	0	0	0	0	0	0	0	0	0
100050	2	128	0	0	5	302	0	0	4	250
210080	0	0	0	0	2	2015	0	0	10	431
290030	0	0	0	0	0	0	0	0	8	49
290040	0	0	0	0	0	0	0	0	1	51
290050	1	7	2	948	1	27	1	84	13	434
310080	0	0	0	0	0	0	0	0	2	70
390050	1	4	2	27	0	0	0	0	10	227
410080	0	0	0	0	0	0	0	0	2	688
490050	0	0	12	467	1	7	0	0	10	89
910060	0	0	0	0	0	0	0	0	0	0
910090	0	0	0	0	0	0	1	18	14	561
990030	0	0	1	208	5	317	0	0	2	16
990040	0	0	0	0	2	112	0	0	2	101
990060	0	0	6	158	1	22	1	11	22	295
8463100080	0	0	1	38	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	1	9
300080	0	0	1	8	1	30	2	17	20	703
900080	0	0	2	51	5	418	0	0	6	143
9800000002	3	111	0	0	21	582	0	0	88	1973
9900000002	56	50	248	102	55	47	12	11	257	260
Month Tot	63	300	275	2007	99	3878	17	140	473	6353
Y-T-D Tot	153	727	386	5172	165	7597	24	151	884	13500
NC YTD Tot	2	129	4	354	17	2938	0	0	32	2661
C&F Month	134	1745	552	9245	307	8423	31	167	1352	12886
C&F Y-T-D	368	3184	1063	15896	510	18030	74	361	2936	22878
C&F NC YTD*	4	1270	31	2440	47	8009	0	0	50	5315

Other Manufacturing Technology

1000000000	0	1426	0	8407	0	1392	0	214	0	3849
2000000000	0	136	0	579	0	872	0	195	0	1956
2710003070	0	4	0	56	0	8	0	0	0	3
8428900010	0	0	1	7	8	80	0	0	0	0
8431390090	0	51	0	197	0	852	0	0	0	358
8456100000	1	138	4	96	0	0	0	0	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	3	193	0	0	0	0	0	0	3	293
106070	0	0	4	758	0	0	5	215	3	217
200005	0	0	0	0	0	0	0	0	1	262
200015	2	122	0	0	0	0	0	0	1	102
200030	1	136	0	0	0	0	0	0	13	509
200060	0	0	0	0	1	1585	0	0	1	530
300000	6	108	0	0	1	210	0	0	8	100
400000	0	0	8	28	0	0	0	0	21	188
510010	0	13	0	0	0	0	19	10	7	85
510090	0	0	0	0	0	0	0	0	13	42
590000	4	59	9	213	0	0	26	13	10	257
800000	0	0	17	249	5	83	0	0	35	577
8479899040	5	31	28	166	1	5	0	0	74	716
908040	0	21	0	198	0	37	0	0	0	412
8537100030	4	108	2	17	5	62	0	0	5	69
9024100000	0	101	0	1131	0	225	0	11	0	81
9031100000	0	0	0	59	0	197	0	3	0	186
300000	0	40	0	119	0	0	0	0	0	10
9032810040	3082	344	3164	212	6669	373	2	6	1472	144

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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Metal Forming

	Netherlands		Singapore		Spain		Switzerland		Taiwan	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	1	8	0	0	1	13	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	1	53
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	0	0	2	32	4	93
310080	0	0	1	58	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
410080	0	0	0	0	0	0	2	346	2	287
490050	1	36	5	52	0	0	0	0	1	15
910060	0	0	0	0	0	0	0	0	0	0
910090	5	52	1	21	0	0	0	0	0	0
990030	0	0	0	0	0	0	10	657	0	0
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	11	192	0	0	0	0	0	0
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	1	8
300080	0	0	2	271	10	104	0	0	1	17
900080	1	9	0	0	2	297	0	0	0	0
9800000002	0	0	2	22	0	0	0	0	1	1027
9900000002	17	20	5	6	0	0	40	40	0	0
Month Tot	25	125	27	621	13	414	54	1075	11	1500
Y-T-D Tot	48	523	59	1089	17	498	96	1151	34	2454
NC YTD Tot	2	175	1	58	0	0	12	1003	14	1005
C&F Month	62	298	339	916	28	423	91	1440	247	3389
C&F Y-T-D	181	1899	660	2253	95	576	235	3413	359	7023
C&F NC YTD*	14	812	3	218	0	0	19	2834	29	4803

Other Manufacturing Technology

1000000000	0	888	0	1234	0	405	0	510	0	692
2000000000	0	753	0	493	0	116	0	85	0	104
2710003070	0	0	0	65	0	0	0	0	0	33
8428900010	0	0	0	0	32	320	0	0	1	15
8431390090	0	160	0	16	0	67	0	0	0	23
8456100000	6	313	2	300	0	0	0	0	0	0
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	0	0	0	0	0	0	0	0
106070	2	125	0	0	0	0	0	0	2	140
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	0	0	1	33	0	0	0	0
200060	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	0	0	0	0	0	0
400000	0	0	0	0	0	0	0	0	0	0
510010	43	205	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	18	13	0	0
590000	3	48	0	0	1	5	0	0	25	656
800000	7	62	0	0	0	0	0	0	0	0
8479899040	1	5	2	155	0	0	10	58	2	35
908040	0	0	0	30	0	16	0	96	0	0
8537100030	0	0	0	0	0	0	0	0	1	12
9024100000	0	11	0	180	0	165	0	8	0	425
9031100000	0	0	0	47	0	34	0	0	0	0
300000	0	0	0	68	0	0	0	9	0	3
9032810040	3300	568	2207	146	741	66	94	31	518	30

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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Metal Forming

	Thailand		U.K.		USSR		Venezuela		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	2	8	10	12	0	0	1	5	2	14
8462100030	0	0	0	0	0	0	0	0	0	0
100050	1	33	1	40	0	0	0	0	3	165
210080	0	0	2	730	0	0	0	0	1	195
290030	0	0	0	0	0	0	0	0	1	15
290040	0	0	0	0	0	0	0	0	0	0
290050	0	0	4	88	0	0	0	0	2	22
310080	0	0	3	106	0	0	0	0	1	60
390050	0	0	8	208	0	0	0	0	2	34
410080	1	682	0	0	0	0	0	0	2	213
490050	4	632	6	50	0	0	0	0	5	61
910060	0	0	0	0	0	0	0	0	0	0
910090	1	33	0	0	0	0	1	22	5	115
990030	0	0	0	0	0	0	0	0	1	284
990040	0	0	0	0	0	0	0	0	0	0
990060	0	0	0	0	0	0	0	0	2	52
8463100080	0	0	0	0	0	0	1	34	4	15
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	1	10	6	66	0	0	17	203
900080	2	1372	69	2255	0	0	0	0	81	3935
9800000002	0	0	4	119	1	10	5	562	95	642
9900000002	8	7	103	57	0	0	0	0	136	117
Month Tot	19	2767	211	3677	7	76	8	623	360	6142
Y-T-D Tot	27	2894	252	5440	7	76	11	649	622	11220
NC YTD Tot	1	682	8	1246	0	0	0	0	27	1936
C&F Month	342	2931	431	5649	7	76	391	943	1012	9496
C&F Y-T-D	490	3365	628	8931	7	76	1020	1487	1879	21102
C&F NC YTD*	2	742	24	3305	0	0	1	48	47	3568

Other Manufacturing Technology

1000000000	0	232	0	4055	0	0	0	805	0	11522
2000000000	0	987	0	836	0	0	0	577	0	2561
2710003070	0	0	0	25	0	0	0	40	0	72
8428900010	0	0	30	332	0	0	0	0	46	1101
8431390090	0	275	0	457	0	0	0	35	0	2937
8456100000	0	0	1	17	0	0	0	0	4	72
200000	0	0	0	0	0	0	0	0	0	0
8477106010	0	0	4	267	0	0	1	35	2	79
106070	0	0	4	248	0	0	0	0	7	1150
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200030	0	0	1	20	0	0	3	230	2	88
200060	0	0	0	0	0	0	2	35	1	24
300000	0	0	18	414	0	0	0	0	3	432
400000	0	0	1	25	0	0	0	0	29	124
510010	0	0	0	0	0	0	1	7	104	943
510090	79	263	0	0	0	0	1	45	14	114
590000	29	435	9	127	0	0	0	0	23	329
800000	0	0	18	993	0	0	0	0	47	2240
8479899040	0	0	13	143	0	0	2	9	27	330
908040	0	0	0	169	0	0	0	0	0	268
8537100030	0	0	50	818	0	0	1	15	21	271
9024100000	0	20	0	1308	0	0	0	24	0	264
9031100000	0	0	0	10	0	0	0	51	0	301
300000	0	0	0	0	0	0	0	0	0	0
9032810040	0	0	3405	402	0	0	5	8	5596	384

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466940000.
* "C&F NC YTD" does not include code 8456300000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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Metal Cutting and Metal Forming Machine Tool Totals
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	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Bulgaria	0	0	0	0	0	0
Czechoslovakia	0	0	0	0	0	0
Denmark	25	80	16	118	41	199
Finland	7	11	1	284	8	295
Greece	0	0	0	0	0	0
Hungary	0	0	2	23	2	23
Iceland	0	0	0	0	0	0
Ireland	1	50	0	0	1	50
Luxembourg	0	0	0	0	0	0
Norway	4	40	32	13	36	54
Poland	0	0	0	0	0	0
Portugal	75	17	0	0	75	17
Romania	0	0	0	0	0	0
Sweden	9	10	7	105	16	115
Turkey	4	84	5	4	9	88
Yugoslavia	2	39	0	0	2	39
Oth Europe	12	1105	1	10	13	1115
TOTAL	897	8431	673	14989	1570	23420
NORTH AND CENTRAL AMERICA						
Bahamas	0	0	0	0	0	0
Barbados	0	0	9	22	9	22
Belize	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0
Costa Rica	6	4	16	111	22	115
Dominican Rep	1	18	21	76	22	94
El Salvador	0	0	30	113	30	113
Guatemala	8	85	5	86	13	171
Haiti	0	0	0	0	0	0
Honduras	43	11	12	136	55	147
Jamaica	0	0	1	12	1	12
Panama	1	17	1	195	2	212
Trinidad	0	0	0	0	0	0
Oth N & C Am.	2	14	6	14	8	27
TOTAL	1358	12540	905	15692	2263	28231
SOUTH AMERICA						
Argentina	5	29	4	46	9	75
Bolivia	0	0	0	0	0	0
Chile	236	339	8	17	244	356
Colombia	19	190	57	293	76	483
Ecuador	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0
Peru	0	0	10	125	10	125
Uruguay	0	0	0	0	0	0
Oth South Am.	0	0	2	26	2	26
TOTAL	664	1842	123	1231	787	3073
OCEANIA						
New Zealand	3	73	30	39	33	111
Oth Oceania	5	3	0	0	5	3
TOTAL	88	414	55	224	143	637

U.S. EXPORTS
Metal Cutting and Metal Forming Machine Tool Totals
February 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
Bangladesh	0	0	0	0	0	0
Hong Kong	63	433	0	0	63	433
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	1	7	1	5	2	11
Jordan	0	0	5	4	5	4
Kuwait	21	238	0	0	21	238
Laos	0	0	0	0	0	0
Lebanon	0	0	0	0	0	0
Macao	0	0	0	0	0	0
Oman	0	0	0	0	0	0
Pakistan	3	53	1	25	4	78
Philippines	10	37	11	76	21	113
Qatar	0	0	0	0	0	0
Saudi Arabia	27	118	60	4058	87	4176
Sri Lanka	0	0	0	0	0	0
Syria	1	7	1	8	2	15
United Arab Emr	26	55	1	9	27	64
Vietnam	0	0	0	0	0	0
Oth Asia	0	0	1	6	1	6
TOTAL	1576	20414	562	15748	2138	36161
AFRICA						
Algeria	0	0	0	0	0	0
Botswana	0	0	0	0	0	0
Egypt	12	160	3	84	15	244
Ethiopia	0	0	0	0	0	0
Gabon	0	0	0	0	0	0
Ghana	0	0	0	0	0	0
Guinea	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Malawi	0	0	0	0	0	0
Mauritius	0	0	0	0	0	0
Morocco	0	0	0	0	0	0
Niger	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0
South Africa	15	21	0	0	15	21
Sudan	0	0	0	0	0	0
Swaziland	0	0	0	0	0	0
Tunisia	0	0	0	0	0	0
Zaire	0	0	0	0	0	0
Zambia	5	3	0	0	5	3
Zimbabwe	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	32	184	3	84	35	268

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.
* "NC Y-T-D Cutting Total" does not include code 8456300000.

U.S. IMPORTS - Metal Cutting Machine Tools - February 92

RELEASED: April 29, 1992

		TOTAL YTD		TOTAL MO.	
		UNITS	$000	UNITS	$000
8456301020	Traveling wire electro-discharge machines	97	7988	46	3768
301050	Electro-discharge machines, n.e.c., NC	33	2581	10	721
301070	Electro-discharge machines, n.e.c., non-NC	30	451	17	260
8457100015	Vert. mach. ctrs., ATC, Y-axis travel not over 660mm (26")	312	24361	162	12914
100025	Vert. mach. ctrs., ATC, Y-axis travel over 660mm (26")	19	3331	10	875
100035	Horizontal machining centers, ATC	71	15422	37	8538
100045	Machining centers, n.e.c.	13	3594	6	1528
200010	Unit construction mach. (single station transfer), NC	0	0	0	0
200090	Unit construction mach. (single station transfer), non-NC	4	538	2	428
300010	Multi-station transfer machines, NC	13	16052	6	1530
300090	Multi-station transfer machines, non-NC	11	5026	2	177
8458110010	Horizontal lathes, multiple spindle, NC	42	6089	27	3295
110030	Horiz. lathes, power rating under 18.65 kW (25 HP), NC	317	21148	202	12493
110050	Horiz. lathes, power rating 18.65-37.3 kW (25-50 HP), NC	71	11507	53	9060
110090	Horiz. lathes, power rating over 37.3 kW (50 HP), NC	8	2804	3	1465
190030	Horizontal engine or toolroom lathes, non-NC	326	3254	171	1830
190050	Automatic bar and/or chucking mach., single spindle, non-NC	30	1372	16	505
190070	Automatic bar and/or chucking mach., mult. spindle, non-NC	6	862	2	377
190090	Horizontal lathes, n.e.c., non-NC	10	125	0	0
911060	Vertical turret lathes, multiple spindle, NC	4	987	4	987
911080	Vertical turret lathes, n.e.c., NC	6	322	0	0
915050	Vertical lathes, excl. VTL's, multiple spindle, NC	0	0	0	0
915070	Vertical lathes, excluding VTL's, n.e.c., NC	10	872	0	0
991050	Vertical turret lathes, non-NC	8	339	5	230
995090	Vertical lathes, n.e.c., excl. VTL's, non-NC	76	2268	55	1891
8459100000	Way-type unit head machines	2	84	2	84
210080	Other drilling machines, NC	23	2771	8	679
290040	Drilling machines, multiple spindle, non-NC	81	2502	63	629
290050	Drilling machines, radial, non-NC	20	262	6	148
290070	Drilling, upright, ex. sensitive, turret & deep hole, non-NC	3	60	3	60
290090	Drilling machines, n.e.c., non-NC	74	1337	24	711
310010	Boring-milling mach., horiz. spind., table, excl. planer, NC	4	710	3	272
310040	Boring-milling mach., horiz. spindle, n.e.c., NC	8	1133	1	145
310070	Boring-milling machines, n.e.c., NC	0	0	0	0
390040	Boring-milling mach., horiz. spindle, n.e.c., non-NC	5	339	0	0
390050	Boring-milling mach., excl. horiz. spindle, n.e.c., non-NC	13	327	11	274
400040	Boring machines, vertical, NC	1	419	0	0
400050	Boring machines, vertical, non-NC	16	86	15	62
400070	Boring machines, n.e.c., NC	0	0	0	0
400080	Boring machines, n.e.c., non-NC	14	1440	6	237
510080	Milling machines, knee type, NC	49	1160	36	1078
590030	Milling machines, knee type, non-NC	239	2583	145	1398
610080	Milling machines, excluding knee type, n.e.c., NC	14	2466	5	244
690050	Milling machines, profile, dup., or die sinking, non-NC	0	0	0	0
690070	Milling machines, bed type, non-NC	19	676	2	73
690090	Milling machines, n.e.c., non-NC	15	517	10	203
700020	Threading or tapping machines, n.e.c., NC	68	4171	30	1605
700080	Threading or tapping machines, n.e.c., non-NC	8	135	5	36
8460110080	Flat surface grinding machines, NC	17	1066	9	211
190010	Flat surface grinding mach., recip.-table type, non-NC	127	1669	67	914
190050	Flat surface grinding machines, n.e.c., non-NC	133	3579	64	1114
210080	Grinding mach., of an accuracy at least 0.01mm, n.e.c., NC	44	13664	12	4324
290010	Grinding mach., external cylindrical, (incl. univ.), non-NC	32	1061	13	357
290030	Grinding machines, internal cylindrical, non-NC	17	2152	3	222
290050	Grinding mach., of accuracy at least 0.01mm, n.e.c., non-NC	105	5210	50	1152
310080	Sharpening machines (tool & cutter grinding), NC	30	1033	21	683
390050	Sharpening machines (tool & cutter grinding), non-NC	189	1410	53	456
400060	Honing or lapping machines, NC	3	246	1	18
400080	Honing or lapping machines, non-NC	34	3787	5	509
900060	Grinding, honing, polishing, & lapping mach., n.e.c., NC	3	180	1	159
900080	Grinding, honing, polishing, & lapping mach., n.e.c., non-NC	139	4129	62	1589
8461100060	Planing machines, NC	0	0	0	0
100080	Planing machines, non-NC	0	0	0	0
200010	Shaping or slotting machines, NC	3	115	2	33
200090	Shaping or slotting machines, non-NC	11	1755	1	4
300060	Broaching machines, NC	1	349	0	0
300080	Broaching machines, non-NC	4	1701	1	112
401020	Gear cutting for bevel gears	0	0	0	0
401030	Gear hobbers	12	5018	3	497
401040	Gear shapers	3	46	0	0
401060	Gear cutting machines, n.e.c.	22	156	1	153
405050	Gear grinding or finishing for bevel gears	1	933	0	0
405070	Gear grinding or finishing machines, n.e.c.	3	669	0	0
500050	Sawing or cutting-off machines, NC	6	152	1	114
500090	Sawing or cutting-off machines, non-NC	237	4085	122	1851
9000000001	Metal cutting machine tools, n.e.c.	46	2885	29	1565
9800000001	Used or rebuilt machine tools	1604	6011	142	3051
9900000001	Machine tools valued at less than $3,025	171891	14306	80343	6925
	Cutting Total			82217	96823
	Y-T-D Cutting Total	176910	231840		
	NC Y-T-D Cutting Total	1299	147657		

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - February 92

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	0	0	0	0	0	0	0	0
301050	0	0	0	0	0	0	0	0	1	14
301070	0	0	0	0	1	10	0	0	0	0
8457100015	0	0	0	0	0	0	0	0	2	241
100025	0	0	0	0	0	0	0	0	1	234
100035	0	0	0	0	0	0	0	0	3	356
100045	0	0	0	0	0	0	0	0	2	220
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	6	1530	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	6	261	0	0	0	0	2	338
110030	0	0	0	0	0	0	0	0	0	0
110050	0	0	0	0	0	0	0	0	4	785
110090	0	0	0	0	0	0	0	0	1	780
190030	0	0	7	104	0	0	0	0	0	0
190050	0	0	2	21	0	0	2	266	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	1	2
995090	0	0	25	235	4	156	0	0	2	37
8459100000	0	0	0	0	0	0	1	29	0	0
210080	0	0	0	0	0	0	0	0	2	61
290040	0	0	0	0	2	10	0	0	45	415
290050	0	0	1	16	0	0	0	0	0	0
290070	0	0	0	0	0	0	0	0	0	0
290090	0	0	9	55	0	0	0	0	1	75
310010	0	0	0	0	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	1	145
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	3	32	0	0	0	0
510080	0	0	0	0	0	0	0	0	1	660
590030	0	0	0	0	0	0	0	0	4	57
610080	0	0	0	0	0	0	0	0	1	42
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	0	0	0	0	0	0
700020	0	0	0	0	0	0	0	0	0	0
700080	0	0	0	0	0	0	0	0	0	0
8460110080	0	0	0	0	0	0	1	9	3	26
190010	0	0	0	0	0	0	0	0	0	0
190050	0	0	0	0	0	0	0	0	4	554
210080	0	0	0	0	0	0	0	0	2	31
290010	0	0	0	0	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	0	0	0	0	1	2	0	0	10	143
310080	0	0	0	0	0	0	0	0	3	112
390050	0	0	0	0	2	8	0	0	7	122
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	0	0	0	0	0	0	7	82
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	2	33
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	0	0	24	299	0	0	10	197
9000000001	0	0	0	0	3	10	2	21	2	320
9800000001	1	36	0	0	35	255	0	0	32	487
9900000001	0	0	0	0	49	36	35	40	386	134
Month Tot	1	36	50	692	130	2348	41	365	542	6701
Y-T-D Tot	4	71	79	1754	304	4115	159	677	1009	48458
NC YTD Tot	0	0	13	1143	15	2354	2	27	76	26453

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - February 92

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	28	2661	0	0	0	0	0	0
301050	0	0	9	706	0	0	0	0	0	0
301070	0	0	9	172	0	0	0	0	0	0
8457100015	0	0	109	9813	4	204	13	890	0	0
100025	0	0	2	248	0	0	0	0	0	0
100035	0	0	31	7944	3	239	0	0	0	0
100045	1	295	2	870	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	2	177	0	0	0	0	0	0
8458110010	0	0	19	2696	0	0	0	0	0	0
110030	0	0	132	10477	11	740	0	0	0	0
110050	0	0	39	7305	0	0	0	0	0	0
110090	2	685	0	0	0	0	0	0	0	0
190030	0	0	2	152	12	126	13	172	0	0
190050	0	0	0	0	0	0	0	0	0	0
190070	0	0	0	0	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	4	987	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	4	227	0	0	0	0	0	0
995090	0	0	2	262	18	1138	0	0	0	0
8459100000	0	0	1	55	0	0	0	0	0	0
210080	0	0	5	536	0	0	0	0	0	0
290040	0	0	15	201	0	0	0	0	0	0
290050	0	0	0	0	0	0	0	0	3	112
290070	0	0	0	0	0	0	0	0	0	0
290090	6	22	4	422	0	0	0	0	0	0
310010	0	0	1	104	0	0	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	1	149	0	0	0	0	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	0	0	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	1	68	1	59	0	0	0	0	0	0
510080	0	0	0	0	0	0	0	0	0	0
590030	1	3	4	44	0	0	0	0	31	479
610080	0	0	1	133	0	0	0	0	0	0
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	1	32	0	0	0	0	1	41
690090	0	0	4	108	0	0	0	0	0	0
700020	0	0	23	1430	0	0	0	0	0	0
700080	0	0	0	0	1	5	0	0	1	21
8460110080	0	0	1	101	0	0	0	0	0	0
190010	0	0	14	126	0	0	36	526	1	54
190050	0	0	5	102	0	0	0	0	1	22
210080	0	0	7	1685	0	0	0	0	0	0
290010	1	12	2	115	0	0	0	0	1	48
290030	0	0	3	222	0	0	0	0	0	0
290050	0	0	19	751	0	0	0	0	0	0
310080	0	0	10	33	0	0	0	0	0	0
390050	0	0	11	71	0	0	0	0	0	0
400060	0	0	0	0	0	0	0	0	0	0
400080	0	0	3	468	0	0	0	0	0	0
900060	0	0	1	159	0	0	0	0	0	0
900080	0	0	28	1044	0	0	0	0	0	0
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	1	4	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	1	112	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	2	444	1	53	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	1	153	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	0	0	1	114	0	0	0	0	0	0
500090	1	6	11	356	25	676	0	0	0	0
9000000001	1	229	15	893	0	0	0	0	0	0
9800000001	3	13	31	1115	1	298	0	0	1	1
9900000001	2888	654	6804	994	1473	138	48	8	70	13
Month Tot	2906	1991	7425	57032	1549	3616	110	1596	110	792
Y-T-D Tot	4832	5746	13843	113320	2303	4617	186	3275	231	2345
NC YTD Tot	10	3473	810	91472	32	2095	33	2021	0	0

Please see notes on last page of the metal forming section.

U.S. IMPORTS - Metal Cutting Machine Tools - February 92

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8456301020	0	0	5	524	1	5	0	0	12	579
301050	0	0	0	0	0	0	0	0	0	0
301070	0	0	0	0	6	74	0	0	1	4
8457100015	0	0	0	0	18	868	12	698	4	200
100025	0	0	0	0	2	126	0	0	5	267
100035	0	0	0	0	0	0	0	0	0	0
100045	1	142	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	2	428	0	0	0	0	0	0
300010	0	0	0	0	0	0	0	0	0	0
300090	0	0	0	0	0	0	0	0	0	0
8458110010	0	0	0	0	0	0	0	0	0	0
110030	0	0	1	99	13	627	1	59	44	491
110050	0	0	1	150	8	727	0	0	1	94
110090	0	0	0	0	0	0	0	0	0	0
190030	0	0	0	0	27	245	0	0	110	1032
190050	0	0	1	114	11	104	0	0	0	0
190070	0	0	2	377	0	0	0	0	0	0
190090	0	0	0	0	0	0	0	0	0	0
911060	0	0	0	0	0	0	0	0	0	0
911080	0	0	0	0	0	0	0	0	0	0
915050	0	0	0	0	0	0	0	0	0	0
915070	0	0	0	0	0	0	0	0	0	0
991050	0	0	0	0	0	0	0	0	0	0
995090	0	0	0	0	0	0	3	59	1	4
8459100000	0	0	0	0	0	0	0	0	0	0
210080	0	0	0	0	0	0	0	0	1	82
290040	0	0	1	3	0	0	0	0	0	0
290050	0	0	0	0	2	20	0	0	0	0
290070	0	0	0	0	3	60	0	0	0	0
290090	0	0	3	130	0	0	0	0	1	7
310010	0	0	0	0	2	168	0	0	0	0
310040	0	0	0	0	0	0	0	0	0	0
310070	0	0	0	0	0	0	0	0	0	0
390040	0	0	0	0	0	0	0	0	0	0
390050	0	0	0	0	9	84	1	41	0	0
400040	0	0	0	0	0	0	0	0	0	0
400050	0	0	0	0	15	62	0	0	0	0
400070	0	0	0	0	0	0	0	0	0	0
400080	0	0	0	0	0	0	0	0	1	78
510080	0	0	0	0	35	418	0	0	0	0
590030	0	0	0	0	85	516	8	237	12	62
610080	0	0	0	0	1	22	1	4	1	43
690050	0	0	0	0	0	0	0	0	0	0
690070	0	0	0	0	0	0	0	0	0	0
690090	0	0	0	0	3	27	1	55	2	13
700020	0	0	0	0	7	175	0	0	0	0
700080	0	0	0	0	3	9	0	0	0	0
8460110080	0	0	1	42	2	8	0	0	1	24
190010	0	0	0	0	4	43	0	0	12	165
190050	0	0	0	0	54	436	0	0	0	0
210080	0	0	2	540	0	0	1	2068	0	0
290010	0	0	1	55	6	82	2	45	0	0
290030	0	0	0	0	0	0	0	0	0	0
290050	1	43	2	27	9	85	6	67	2	33
310080	0	0	6	319	0	0	0	0	2	219
390050	0	0	0	0	1	5	29	209	3	41
400060	0	0	1	18	0	0	0	0	0	0
400080	0	0	0	0	0	0	2	41	0	0
900060	0	0	0	0	0	0	0	0	0	0
900080	0	0	1	254	1	13	13	58	12	139
8461100060	0	0	0	0	0	0	0	0	0	0
100080	0	0	0	0	0	0	0	0	0	0
200010	0	0	0	0	0	0	0	0	0	0
200090	0	0	0	0	0	0	0	0	0	0
300060	0	0	0	0	0	0	0	0	0	0
300080	0	0	0	0	0	0	0	0	0	0
401020	0	0	0	0	0	0	0	0	0	0
401030	0	0	0	0	0	0	0	0	0	0
401040	0	0	0	0	0	0	0	0	0	0
401060	0	0	0	0	0	0	0	0	0	0
405050	0	0	0	0	0	0	0	0	0	0
405070	0	0	0	0	0	0	0	0	0	0
500050	0	0	0	0	0	0	0	0	0	0
500090	0	0	3	52	25	156	17	81	6	29
9000000001	2	52	0	0	0	0	0	0	4	39
9800000001	0	0	2	173	2	17	22	259	12	397
9900000001	13	8	15	22	53418	3596	170	118	14974	1164
Month Tot	17	245	50	3328	53773	8775	289	4099	15224	5206
Y-T-D Tot	198	1407	135	11753	124174	15888	467	10043	28986	8371
NC YTD Tot	1	142	32	5597	111	3677	44	5948	120	3256

Please see notes on last page of the metal forming section.

U.S. IMPORTS
Metal Forming Machine Tools, Machine Tool Totals and Other Manufacturing Technology
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RELEASED: April 29, 1992

Metal Forming Machine Tools		TOTAL YTD UNITS	TOTAL YTD $000	TOTAL MO. UNITS	TOTAL MO. $000
8454300010	Die casting machines	28	5371	15	3327
8462100030	Headers and upsetters, including cold headers	7	875	2	76
100050	Forging or die stamping machines, and hammers, n.e.c.	263	2472	164	1264
210080	Bending, folding, straight. or flat. mach., incl presses, NC	97	7455	37	2118
290030	Press brakes, non-NC	32	998	16	458
290040	Bending rolls, non-NC	5	104	4	91
290050	Bending, folding, straight., or flat., n.e.c., non-NC	142	7623	68	1538
310080	Shearing machines, NC	1	486	1	486
390050	Shearing machines, non-NC	72	4499	30	615
410080	Punching or notching mach., incl. comb. punch & shear, NC	44	3906	9	1374
490050	Punching or notching mach., incl. comb. punch & sh., non-NC	82	3787	59	2725
910060	Hydraulic presses, NC	2	1732	1	146
910090	Hydraulic presses, non-NC	631	6382	567	1153
990030	Presses, n.e.c., NC	0	0	0	0
990035	Mechanical transfer presses, non-NC	3	6643	2	53
990045	Mechanical presses, n.e.c., non-NC	11	555	10	251
990060	Presses, n.e.c., non-NC	52	4433	18	2191
8463100080	Draw benches for bars, tubes, profiles, wire or the like	35	3508	25	1938
200080	Thread rolling machines	18	809	2	367
300080	Machines for working wire	77	4225	13	580
900080	Metal forming machine tools, n.e.c.	118	4495	70	2179
9800000002	Used or rebuilt machine tools	286	2806	153	1372
9900000002	Machine tools valued at less than $3,025	2007	1104	1023	598
	Forming Total			2289	24902
	Y-T-D Forming Total	4013	74268		
	NC Y-T-D Forming Total	144	13579		
	Cutting and Forming Totals: Monthly Total			84506	121726
	Y-T-D Total	180923	306108		
	NC Y-T-D Total	1443	161236		

Other Manufacturing Technology		TOTAL YTD		TOTAL MO.	
1000000000	Machine tool parts and accessories	0	73463	0	35184
2000000000	Parts for working rubber or plastics - heading 8477	0	46886	0	24512
2710003070	Quenching or cutting oils	0	92	0	46
8428900010	Industrial robots for lifting, handling, loading or unload	725	4963	661	2475
8431390080	Parts industrial robots, handling and loading - heading 8428	0	11206	0	5544
8456101010	Laser, light or photon beam for working metal, NC	35	6191	17	2729
101020	Laser, light or photon beam for working metal, non-NC	8	1547	2	210
105000	Laser, light or photon beam for other materials	35	840	32	368
201010	Ultrasonic processes for working metal, NC	0	0	0	0
201050	Ultrasonic processes for working metal, non-NC	1	4	0	0
205000	Ultrasonic processes for working other materials	16	59	1	8
8477103000	Injection molding mach., for manufacturing shoes	13	800	11	472
106010	Injection molding mach., for rubber or oth. thermosetting	186	19954	69	6370
106050	Injection molding mach., for thermoplastics	507	38630	214	16506
200005	Extruders; rubber or other thermosetting mat., single screw	5	379	2	208
200015	Extruders; rubber or thermosetting, other incl. multi. screw	7	414	0	0
200035	Extruders; thermoplastics, single screw, less than 6.4cm	10	227	10	227
200045	Extruders; thermoplastics, single screw, 6.4cm or greater	10	4108	3	2055
200055	Extruders; thermoplastics, mutli. screw, less than 6.4cm	10	741	5	374
200065	Extruders; thermoplastics, multi. screw, 6.4cm or larger	10	4078	2	567
300000	Blow molding machines	35	11101	19	7263
400000	Vacuum-molding and other thermoforming machines	71	273	53	201
510010	Machines for molding or retreading pneumatic tires	62	1135	13	259
510090	Machines for molding or otherwise forming inner tubes	4	241	0	0
590000	Machines for molding or otherwise forming n.e.c.	211	7449	52	3519
800000	Machines for working rubber or plastics n.e.c.	574	21928	247	8974
8479899040	Industrial robots, n.e.c.	212	7258	123	3544
908040	Industrial robot parts	0	4742	0	2530
8537100030	Numerical controls for controlling machine tools	1473	4274	1097	2522
9024100000	Machines and appliances for testing metals	0	1811	0	1326
9031100000	Machines for balancing mechanical parts	0	706	0	144
300000	Profile projectors	0	427	0	241
9032810020	Industrial process control instr., hydraulic	24686	315	13008	188
810060	Industrial process control instr., pneumatic	11372	265	4712	140

Note: Product code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.
n.e.c. - Not elsewhere classified.

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Metal Forming

	Belgium		Brazil		Canada		France		Germany **	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	5	284	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	1	55	0	0	92	117
210080	0	0	0	0	5	168	0	0	2	529
290030	0	0	0	0	10	386	0	0	0	0
290040	0	0	0	0	3	39	0	0	0	0
290050	0	0	0	0	13	255	1	4	6	146
310080	0	0	0	0	0	0	0	0	0	0
390050	2	32	0	0	3	142	0	0	1	12
410080	0	0	0	0	0	0	1	18	2	258
490050	0	0	0	0	2	103	30	550	17	170
910060	0	0	0	0	1	146	0	0	0	0
910090	0	0	0	0	4	397	0	0	1	69
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	5	62	0	0	0	0
990060	0	0	0	0	5	141	0	0	2	1543
8463100080	0	0	0	0	0	0	0	0	7	848
200080	0	0	0	0	0	0	0	0	1	187
300080	0	0	0	0	0	0	2	306	0	0
900080	0	0	0	0	6	55	21	140	2	516
9800000002	2	84	0	0	59	501	7	40	27	109
9900000002	0	0	0	0	96	40	4	7	2	3
Month Tot	4	116	0	0	218	2775	66	1064	162	4508
Y-T-D Tot	12	2527	7	9	347	7143	67	1067	326	11255
NC YTD Tot	2	227	0	0	18	1034	1	18	26	3018
C&F Month	5	152	50	692	348	5123	107	1429	704	11209
C&F Y-T-D	16	2599	86	1763	651	11258	226	1744	1335	59713
C&F NC YTD	2	227	13	1143	33	3388	3	45	102	29471

Other Manufacturing Technology

1000000000	0	148	0	565	0	3518	0	524	0	7240
2000000000	0	30	0	5	0	7564	0	2289	0	6737
2710003070	0	0	0	0	0	5	0	0	0	0
8428900010	0	0	0	0	5	196	1	157	2	449
8431390080	0	0	0	10	0	1215	0	532	0	878
8456101010	0	0	0	0	0	0	0	0	7	1125
101020	0	0	0	0	1	130	0	0	1	80
105000	3	1	0	0	28	361	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	1	8
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	0	0	2	70	7	483	4	666
106050	0	0	0	0	43	5977	0	0	18	607
200005	0	0	0	0	0	0	0	0	2	208
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	0	0	0	0	0	0	0	0	2	465
200055	0	0	0	0	0	0	0	0	3	195
200065	0	0	0	0	0	0	0	0	2	567
300000	0	0	0	0	1	23	3	4681	7	2084
400000	0	0	0	0	0	0	0	0	1	16
510010	0	0	0	0	7	59	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	26	1435	6	876	2	380
800000	5	22	0	0	15	250	12	1182	22	1999
8479899040	0	0	0	0	4	94	0	0	1	3
908040	0	2	0	0	0	21	0	0	0	747
8537100030	0	0	0	0	0	0	0	0	4	40
9024100000	0	0	0	0	0	112	0	0	0	397
9031100000	0	0	0	0	0	2	0	8	0	57
300000	0	0	0	0	0	0	0	0	0	15
9032810020	0	0	0	0	1	8	0	0	4	4
810060	0	0	0	0	35	5	0	0	48	13

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

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Metal Forming

	Italy		Japan		Korea		Singapore		Spain	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	2	21	8	3022	0	0	0	0	0	0
8462100030	0	0	2	76	0	0	0	0	0	0
100050	0	0	7	678	2	98	0	0	0	0
210080	0	0	27	1035	0	0	0	0	0	0
290030	0	0	0	0	0	0	0	0	0	0
290040	0	0	0	0	0	0	0	0	0	0
290050	15	80	8	59	0	0	0	0	2	19
310080	0	0	0	0	0	0	0	0	0	0
390050	2	14	4	171	0	0	0	0	7	84
410080	0	0	4	821	0	0	0	0	0	0
490050	0	0	4	1805	0	0	0	0	5	92
910060	0	0	0	0	0	0	0	0	0	0
910090	26	98	16	73	0	0	0	0	0	0
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	2	53	0	0	0	0	0	0
990045	0	0	1	41	0	0	0	0	0	0
990060	0	0	4	456	0	0	0	0	0	0
8463100080	0	0	17	1059	1	32	0	0	0	0
200080	0	0	1	180	0	0	0	0	0	0
300080	2	40	5	172	0	0	0	0	0	0
900080	13	92	5	108	0	0	0	0	0	0
9800000002	1	2	4	375	0	0	0	0	0	0
9900000002	15	35	128	45	1	2	0	0	23	31
Month Tot	76	381	247	10230	4	132	0	0	37	227
Y-T-D Tot	135	1678	669	37221	7	270	0	0	61	634
NC YTD Tot	14	768	70	5877	0	0	0	0	0	0
C&F Month	2982	2372	7672	67262	1553	3747	110	1596	147	1019
C&F Y-T-D	4967	7424	14512	150541	2310	4887	186	3275	292	2978
C&F NC YTD	24	4240	880	97349	32	2095	33	2021	0	0

Other Manufacturing Technology

1000000000	0	1551	0	11644	0	53	0	18	0	324
2000000000	0	801	0	3971	0	115	0	0	0	39
2710003070	0	0	0	40	0	0	0	0	0	0
8428900010	1	55	168	1169	0	0	0	0	0	0
8431390080	0	24	0	695	0	6	0	0	0	0
8456101010	0	0	10	1604	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	0	0	0	0
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	7	454	0	0	0	0	0	0	4	18
106010	3	83	44	4359	1	92	0	0	0	0
106050	17	1153	90	7230	2	100	3	68	0	0
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	0	0	0	0
200045	0	0	0	0	0	0	0	0	0	0
200055	0	0	2	179	0	0	0	0	0	0
200065	0	0	0	0	0	0	0	0	0	0
300000	2	271	4	181	0	0	0	0	0	0
400000	0	0	35	29	0	0	0	0	0	0
510010	0	0	6	200	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	1	43	7	655	5	5	0	0	0	0
800000	4	1317	156	3584	0	0	0	0	0	0
8479899040	1	82	83	2302	0	0	0	0	2	84
908040	0	16	0	1225	0	0	0	18	0	0
8537100030	4	99	1087	2276	0	0	0	0	0	0
9024100000	0	29	0	510	0	17	0	0	0	0
9031100000	0	17	0	16	0	0	0	6	0	0
300000	0	0	0	70	0	0	0	0	0	0
9032810020	0	0	0	0	0	0	0	0	0	0
810060	810	10	1272	16	0	0	0	0	0	0

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
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Metal Forming

	Sweden		Switzerland		Taiwan		U.K.		All Other	
	Units	$000	Units	$000	Units	$000	Units	$000	Units	$000
8454300010	0	0	0	0	0	0	0	0	0	0
8462100030	0	0	0	0	0	0	0	0	0	0
100050	0	0	0	0	1	206	58	21	3	89
210080	0	0	0	0	2	32	0	0	1	354
290030	0	0	0	0	3	14	0	0	3	59
290040	1	52	0	0	0	0	0	0	0	0
290050	17	660	0	0	0	0	2	228	4	86
310080	0	0	0	0	0	0	1	486	0	0
390050	0	0	0	0	0	0	6	62	5	98
410080	0	0	0	0	0	0	0	0	2	277
490050	0	0	0	0	0	0	1	5	0	0
910060	0	0	0	0	0	0	0	0	0	0
910090	7	452	1	3	80	5	6	6	426	48
990030	0	0	0	0	0	0	0	0	0	0
990035	0	0	0	0	0	0	0	0	0	0
990045	0	0	0	0	0	0	2	56	2	93
990060	0	0	0	0	5	27	2	23	0	0
8463100080	0	0	0	0	0	0	0	0	0	0
200080	0	0	0	0	0	0	0	0	0	0
300080	0	0	2	9	1	48	1	6	0	0
900080	0	0	23	1268	0	0	0	0	0	0
9800000002	0	0	1	3	0	0	9	102	43	157
9900000002	1	2	35	90	516	221	28	21	174	100
Month Tot	26	1165	62	1373	608	554	116	1016	663	1361
Y-T-D Tot	67	1916	111	3843	1267	1194	212	2133	725	3378
NC YTD Tot	0	0	0	0	2	32	5	1298	6	1306
C&F Month	43	1411	112	4701	54381	9329	405	5116	15887	6567
C&F Y-T-D	265	3323	246	15597	125441	17082	679	12176	29711	11749
C&F NC YTD	1	142	32	5597	113	3709	49	7246	126	4562

Other Manufacturing Technology

1000000000	0	498	0	2620	0	1437	0	2233	0	2809
2000000000	0	54	0	360	0	480	0	759	0	1310
2710003070	0	0	0	0	0	0	0	0	0	0
8428900010	3	307	0	0	480	16	1	127	0	0
8431390080	0	114	0	208	0	49	0	619	0	1195
8456101010	0	0	0	0	0	0	0	0	0	0
101020	0	0	0	0	0	0	0	0	0	0
105000	0	0	0	0	0	0	0	0	1	6
201010	0	0	0	0	0	0	0	0	0	0
201050	0	0	0	0	0	0	0	0	0	0
205000	0	0	0	0	0	0	0	0	0	0
8477103000	0	0	0	0	0	0	0	0	0	0
106010	0	0	0	0	2	194	0	0	6	423
106050	0	0	0	0	17	411	1	34	23	926
200005	0	0	0	0	0	0	0	0	0	0
200015	0	0	0	0	0	0	0	0	0	0
200035	0	0	0	0	0	0	2	56	8	170
200045	0	0	0	0	0	0	1	1590	0	0
200055	0	0	0	0	0	0	0	0	0	0
200065	0	0	0	0	0	0	0	0	0	0
300000	0	0	0	0	2	24	0	0	0	0
400000	0	0	0	0	3	128	14	28	0	0
510010	0	0	0	0	0	0	0	0	0	0
510090	0	0	0	0	0	0	0	0	0	0
590000	0	0	0	0	0	0	5	125	0	0
800000	0	0	1	22	4	172	23	247	5	180
8479899040	1	53	1	284	0	0	0	0	30	643
908040	0	85	0	71	0	39	0	28	0	279
8537100030	0	0	0	0	0	0	1	23	1	84
9024100000	0	0	0	87	0	1	0	140	0	33
9031100000	0	0	0	3	0	0	0	34	0	0
300000	0	0	0	3	0	0	0	153	0	0
9032810020	0	0	225	5	6000	6	950	6	5828	160
810060	277	34	0	0	315	3	11	19	1944	41

Note: Product Code 1000000000 represents aggregated machine tool parts codes 8466100010 through 8466945000.
Note: "0" in units column with corresponding value means that unit measure is not meaningful.

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
February 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
EUROPE						
Austria	104	651	3	359	107	1009
Bulgaria	5	33	0	0	5	33
Czechoslovakia	8	73	0	0	8	73
Denmark	28	93	50	93	78	187
Finland	3	147	2	277	5	424
Hungary	0	0	0	0	0	0
Ireland	4	6	0	0	4	6
Luxembourg	0	0	2	6	2	6
Netherlands	4	298	0	0	4	298
Norway	0	0	0	0	0	0
Poland	8	378	0	0	8	378
Portugal	0	0	6	123	6	123
Romania	1	43	0	0	1	43
USSR	1	78	0	0	1	78
Yugoslavia	11	37	1	83	12	121
Oth Europe	4	37	0	0	4	37
TOTAL	4137	19432	613	10792	4750	30224
NORTH AND CENTRAL AMERICA						
Barbados	0	0	0	0	0	0
Dominican Rep	0	0	0	0	0	0
Mexico	218	76	489	178	707	254
Oth N & C Am.	0	0	0	0	0	0
TOTAL	348	2424	707	2953	1055	5377
SOUTH AMERICA						
Argentina	0	0	0	0	0	0
Chile	0	0	0	0	0	0
Colombia	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0
Peru	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0
Oth South Am.	0	0	0	0	0	0
TOTAL	50	692	0	0	50	692
OCEANIA						
Australia	2	219	0	0	2	219
New Zealand	0	0	0	0	0	0
Oth Oceania	0	0	0	0	0	0
TOTAL	2	219	0	0	2	219

U.S. IMPORTS
Metal Cutting and Metal Forming Machine Tool Totals
February 92

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
ASIA						
China	14783	1765	66	77	14849	1842
Hong Kong	0	0	0	0	0	0
India	6	60	0	0	6	60
Indonesia	0	0	0	0	0	0
Iran	0	0	0	0	0	0
Iraq	0	0	0	0	0	0
Israel	1	2	4	140	5	141
Malaysia	0	0	0	0	0	0
Pakistan	0	0	0	0	0	0
Philippines	0	0	0	0	0	0
Thailand	33	1210	0	0	33	1210
Oth Asia	0	0	0	0	0	0
TOTAL	77680	74056	929	11132	78609	85188
AFRICA						
Ghana	0	0	0	0	0	0
Kenya	0	0	0	0	0	0
Niger	0	0	0	0	0	0
South Africa	0	0	40	26	40	26
Swaziland	0	0	0	0	0	0
Oth Africa	0	0	0	0	0	0
TOTAL	0	0	40	26	40	26

Note: Region totals include top countries detailed by product as well as countries listed above.
** West and East Germany are combined.
Cutting Section Notes:
Total for Metal Cutting and Metal Forming appears in Metal Forming Section.
Product Code 9000000001, Metal cutting machine tools, n.e.c., represents the total of codes: 8461900040 and 8461900080.
n.e.c. - Not elsewhere classified.